

Analyte	Station ID				GKMSE37
	Sample ID				GKMSE37_083115
	Sample Date				8/31/2015
	Sample time				09:35
	Latitude				(b) (6)
	Longitude				
					Sub Location
					River
Metals, Total	CAS NO	Units		EPA RBC	Lab Result
Aluminum	7429-90-5	mg/kg		3300000	17000
Antimony	7440-36-0	mg/kg		1300	1.2 J-
Arsenic	7440-38-2	mg/kg		4200	95
Barium	7440-39-3	mg/kg		670000	180 J
Beryllium	7440-41-7	mg/kg		6700	2
Cadmium	7440-43-9	mg/kg		1700	2.1
Calcium	7440-70-2	mg/kg			3500
Chromium	7440-47-3	mg/kg		4300000	12
Cobalt	7440-48-4	mg/kg		1000	6.2 J-
Copper	7440-50-8	mg/kg		130000	470
Iron	7439-89-6	mg/kg		2300000	120000
Lead	7439-92-1	mg/kg		20000	2200
Magnesium	7439-95-4	mg/kg			4100
Manganese	7439-96-5	mg/kg		160000	1100
Mercury	7439-97-6	mg/kg		1000	0.29
Molybdenum	7439-98-7	mg/kg		17000	26
Nickel	7440-02-0	mg/kg		67000	5.7
Potassium	7440-09-7	mg/kg			4100
Selenium	7782-49-2	mg/kg		17000	4.5
Silver	7440-22-4	mg/kg		17000	16
Sodium	7440-23-5	mg/kg			430 J
Thallium	7440-28-0	mg/kg		33	0.89
Vanadium	7440-62-2	mg/kg		17000	72 J
Zinc	7440-66-6	mg/kg		1000000	700

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

J- = The result is an estimated quantity, but the result may be biased low.

UJ = The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise

UJB = The analyte was detected in the sample below the reporting limit and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination. The reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

UB = The analyte was detected in the sample below the Reporting Limit (RL) and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination.

J+ = The result is an estimated quantity, but the result may be biased high.

R = Reported value is "rejected." The sample results are rejected due to serious deficiencies in meeting QC criteria. The data are unusable. The analyte may or may not be present in the sample.

F1 = MS and/or MSD Recovery is outside acceptance limits.

HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

* = The result exceeds maximum contaminant level

mg/kg - Parts per million (milligrams per kilogram). Liquids equivalent = mg/L.

Highlighted Yellow: indicates result exceeded Screening Value

Analyte	Station ID				GKMSE38
	Sample ID				GKMSE38_083115
	Sample Date				8/31/2015
	Sample time				09:45
	Latitude				(b) (6)
	Longitude				
					Sub Location
					River
Metals, Total	CAS NO	Units		EPA RBC	Lab Result
Aluminum	7429-90-5	mg/kg		3300000	20000
Antimony	7440-36-0	mg/kg		1300	1.7 J-
Arsenic	7440-38-2	mg/kg		4200	120
Barium	7440-39-3	mg/kg		670000	210 J
Beryllium	7440-41-7	mg/kg		6700	2.3
Cadmium	7440-43-9	mg/kg		1700	2.2
Calcium	7440-70-2	mg/kg			3300
Chromium	7440-47-3	mg/kg		4300000	14
Cobalt	7440-48-4	mg/kg		1000	4.7 J-
Copper	7440-50-8	mg/kg		130000	600
Iron	7439-89-6	mg/kg		2300000	150000
Lead	7439-92-1	mg/kg		20000	2800
Magnesium	7439-95-4	mg/kg			4000
Manganese	7439-96-5	mg/kg		160000	980
Mercury	7439-97-6	mg/kg		1000	0.41
Molybdenum	7439-98-7	mg/kg		17000	34
Nickel	7440-02-0	mg/kg		67000	4.4
Potassium	7440-09-7	mg/kg			4800
Selenium	7782-49-2	mg/kg		17000	5.8
Silver	7440-22-4	mg/kg		17000	22
Sodium	7440-23-5	mg/kg			380 J
Thallium	7440-28-0	mg/kg		33	1.2
Vanadium	7440-62-2	mg/kg		17000	88 J
Zinc	7440-66-6	mg/kg		1000000	860

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